

Cal 25 - Mast & Boom Sections Specification

Mast Section Data

Original Equipment Mast I Famet

Notes

Height	6.500	inches
Width	3.480	inches
Wall Thickness	0.095	inches
Circumference	17.125	inches
Density of Aluminum	0.0979	lb/cu in
Weight per Linear Foot	1.911	lb
Length of Section	29.292	feet
Weight of Blank	56.0	lb

Original Equipment Mast II Manufacturer unknown

Note: Second generation mast blank weighs 14.9 lb more than the original blank. This will impact moment if inertia.

Height	6.000	inches
Width	3.450	inches
Wall Thickness	0.135	inches
Circumference	15.250	inches
Density of Aluminum	0.0979	lb/cu in
Weight per Linear Foot	2.419	lb
Length of Section	29.292	feet
Weight of Blank	70.8	lb

Possible Mast Replacement Sections

Dwyer Aluminum Mast Co. Section DM-500

Height	5.000	inches
Width	3.500	inches
Wall Thickness		inches
Circumference		inches
Density of Aluminum	0.0979	lb/cu in
Weight per Linear Foot	2.200	lb
Length of Section	29.292	feet
Weight of Blank	64.4	lb

Kenyon Spars 3550 Mast Section

Height	5.000	inches
Width	3.500	inches
Wall Thickness	0.130	inches
Circumference	13.750	inches
Density of Aluminum	0.0979	lb/cu in
Weight per Linear Foot	2.200	lb
Length of Section	29.292	feet
Weight of Blank	64.4	lb

Boom Section Data

Original Equipment Boom
Famet 1200 Series Section #4

Height	3.500	inches
Width	2.365	inches
Wall Thickness	0.075	inches
Circumference	9.625	inches
Density of Aluminum	0.0979	lb/cu in
Weight per Linear Foot	0.960	lb
Length of Section	10.917	feet
Weight of Blank	10.5	lb

Possible Boom Replacement Sections

Kenyon Spars
Standard Boom Section "D"

Height	3.750	inches
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Cal 25 Class Association www.cal25.org

<http://www.cal25.org/2015/02/02/cal-25-mast-boom-sections-specification>